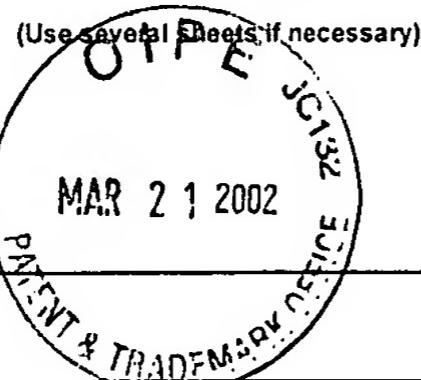


Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**


Docket Number (Optional)

5061

Application Number

10/017,454

Applicant

Cao

Filing Date

12-13-01

Group Art Unit

3732

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| | 5,713,738 | 2/3/1998 | Yarborough | 322 | 215 | 9/5/1996 |
| | 6,254,388 | 7/3/2001 | Yarborough | 433 | 215 | 2/2/1998 |
| | 6,331,111 | 12/18/2001 | Cao | 433 | 29 | 9/24/1999 |
| | 4,221,994 | 9/9/1980 | Friedman et al | 315 | 224 | |
| | 4,666,406 | 5/19/1987 | Kanca III | 433 | 229 | |
| | 4,935,665 | 6/19/1990 | Murata | 313 | 500 | |
| | 4,963,798 | 10/16/1990 | McDermott | 315 | 312 | |
| | 4,989,217 | 1/29/1991 | Ostler | 372 | 107 | |
| | 5,115,761 | 5/26/1992 | Hood | 118 | 641 | |
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| | 5,161,879 | 11/10/1992 | McDermott | 362 | 206 | |
| | 5,214,658 | 5/25/1993 | Ostler | 372 | 23 | |
| | 5,233,283 | 8/3/1993 | Kennedy | 320 | 13 | |
| | 5,275,564 | 1/4/1994 | Vassilladis et al | 433 | 226 | |
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| | 5,616,141 | 4/1/1997 | Cipolla | 606 | 15 | |
| | 5,803,729 | 9/8/1998 | Tsimerman | 433 | 29 | |
| PL | 6,008,264 | 12/28/1999 | Ostler et al | 522 | 4 | |
| | 6,282,013 | 8/28/2001 | Ostler et al | 359 | 309 | |
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PL | Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999)

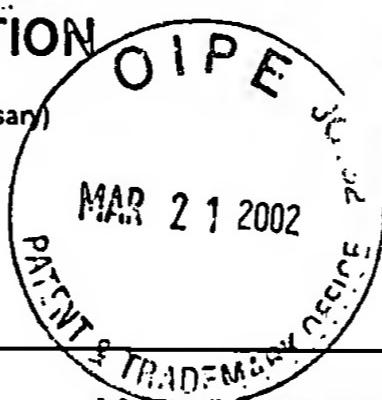
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DATE CONSIDERED

9/17/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small> | Docket Number (Optional) 5061 | Application Number 10/017,454 |
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| Applicant Cao | Filing Date 12-13-01 | Group Art Unit 3732 |
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| | |
|----|--|
| RL | "Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.dentequip.com). |
| | "LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001). |
| | "Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Units Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net). |
| | "Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights). |
| | "Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com) |
| | "Curing Performance" (4 pages) (printout from www.cranews.com) |
| | "Technical Data" (3 pages) (printout from www.cranews.com) |
| | "Photographs" depicting Virtuoso curing light (printout from www.cranews.com) |
| | Caughman, et al., "In Vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 page). |
| | Bouschlicher, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation" (1 page). |
| | Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Filling Surface" (1 page). |
| | Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page) |
| | CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages). |
| | CRA Newsletter, "Resin Curing Light, Cordless" (2 pages). |
| | CRA Newsletter, "Visible Curing Lights" (4 pages). |
| | "Power PAC" (3 pages) (printout from www.americandentaltech.com) |
| | "The PAC" (2 pages) (printout from www.americandentaltech.com) |
| V | "The Science of Curing" (8 pages) (printout from www.lasermed.com) |
| | "The Accucure 1000" (2 pages) (printout from www.lasermed.com) |
| | "The Accucure 3000" (2 pages) (printout from www.lasermed.com) |
| RL | "RemeCure CL15" (1 page) (printout from www.remedent.com) |

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| EXAMINER RL | DATE CONSIDERED 9/17/2003 |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

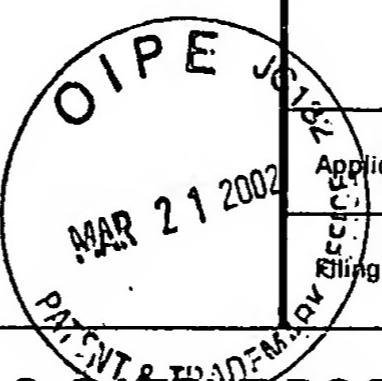
(Use several sheets if necessary)

Docket Number (Optional)

Application Number

5061

10/017,454



Group Art Unit

3732

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|------|------|-------|----------|----------------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| RL | "LumaLite Luma 8, LumaArch, LumaCure" (4 pages) (printout from www.luma-lite.com) |
| | "Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil) |
| | "LumaCure Cordles Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motloid.com) |
| | Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701. |
| | "Accucure 3000" brochure (2 pages) |
| | "Accucure 1000" brochure (2 pages) |
| | "LaserMed AGD Show Special AccuCure 3000 Laser Show Special" flyer (1 page) |
| | "LumaCure" flyer (1 page). |
| | "ARC Light IIM" brochure (2 pages). |
| | "Introducing the Apolloelight wireless curing light" flyer (1 page). |
| | "Just Cure It" brochure (3 pages) (printed out from www.airtechniques.com) |
| | "Resin Curing Lights: What You Should Know", page 36 from Contemporary Esthetics and Restorative Practice, November, 2001. |
| | "Starlight Starlight p" flyer (1 page). |
| | "Exelite" flyer (1 page) |
| | "Epilar FreeLight" flyer (1 page). |
| | "Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page) |
| | "ZAP Dental Curing" flyer (1 page) |
| ✓ | "EXELITE" flyer (1 page) |
| RL | "Elipar Freelight Curing Light" (2 pages) (printout from cms.3m.com) |
| RL | "Intraoral Resin Curing Lights - Update '96" excerpt from March 1996 CRA newsletter (2 pages). |

EXAMINER

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DATE CONSIDERED

9/17/2003

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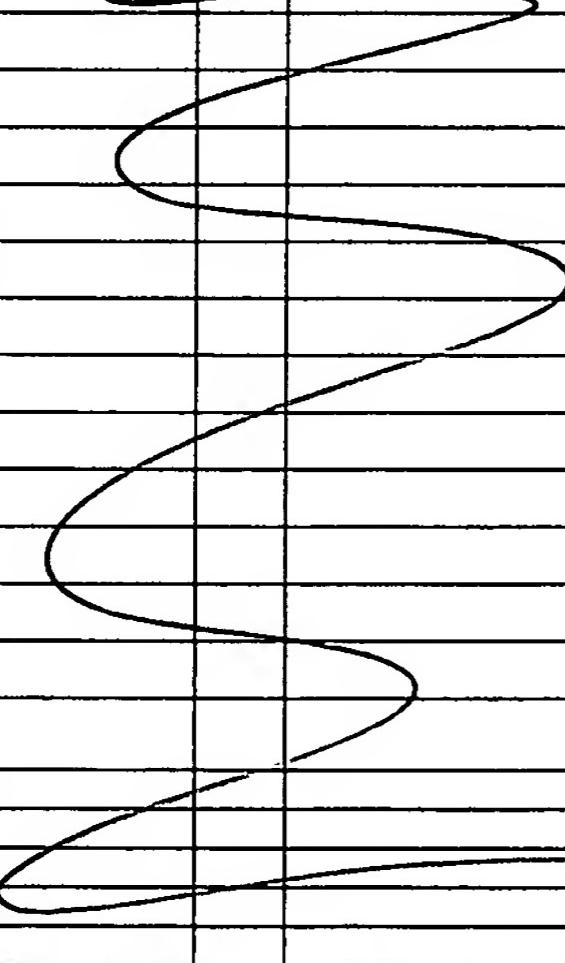
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| Form PTO-1449 | Docket Number (Optional) | Application Number |
| INFORMATION DISCLOSURE CITATION O I P E IN AN APPLICATION | 5061 | 10/017,454 |
| (Use several sheets if necessary) | Applicant | |
| MAR 21 2002 RECEIVED PTO | Cao | |

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| RE | 5,660,461 | 8/26/1997 | Ignatius et al | 362 | 241 | |
| | 5,698,866 | 12/16/1997 | Doiron et al | 257 | 99 | |
| | 5,803,729 | 9/8/1998 | Tsimerman | 433 | 29 | |
| | 5,890,794 | 4/6/1999 | Abtahi et al | 362 | 294 | |
| | 6,019,482 | 2/1/2000 | Everett | 362 | 184 | |
| | 6,077,073 | 6/20/2000 | Jacob | 433 | 29 | |
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| | 5,328,368 | 7/12/1994 | Lansing et al | 433 | 116 | |
| | Des. 361,382 | 8/15/1995 | Brunsell et al | 24 | 177 | |
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| | 6,325,623 | 12/4/2001 | Melnyk et al | 433 | 29 | 3/31/2000 |
| | 6,322,358 | 11/27/2001 | Senn et al | 433 | 29 | |
| | 6,095,812 | 8/1/2000 | Senn et al | 433 | 29 | |
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| | 6,318,996 | 11/20/2001 | Melikechi et al. | 433 | 29 | |
| AL | 6,325,623 | 12/4/2001 | Melnyk et al | 433 | 29 | 10-100 MAIL ROOM RECEIVED 10-100 MAIL ROOM RECEIVED |

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| EXAMINER  | DATE CONSIDERED 9/17/2003 |
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|  | | Applicant Cao | Filing Date 12-13-01 |
| | | Group Art Unit 3732 | |
| U.S. PATENT DOCUMENTS | | | |
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| <u>J</u> | | | |
| CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | |
| <u>PL</u> | | "3M ESPE Introduces New LED Curing Light" (2 pages) (printout from cms.3m.com) | |
| <u>PL</u> | | "NRG L.E.D. Curing Light" brochure (4 pages). | |
|  | | | |
| RECEIVED TECHNOLOGY CENTER R3700 MAR 22 2002 | | | |
| EXAMINER <u>PL</u> | DATE CONSIDERED <u>9/17/2003</u> | | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small> | | Docket Number (Optional) | Application Number |
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| | | 5061 | 10/017,454 |
| | | Applicant Cao | |
| | | Filing Date 12-13-01 | Group Art Unit 3732 |
| U.S. PATENT DOCUMENTS | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME |
| | | | |
| OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small> | | | |
| RC | "All-Cure Standard and Custom Dental Curing Lightguides" (1 page) (Printout from www.all-cure.com) | | |
| 1 | "Welcome to Bonart Medical Supply" (2 pages) (printout from www.bonartmed.com) | | |
| | "Bonart" (4 pages listing dental equipment including ART-L1 'High Power Light Curing Unit') (printout from www.bonartmed.com) | | |
| | "Dentamerica – Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from www.dentamerica.com) | | |
| | "Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com) | | |
| | "Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com) | | |
| | "ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com) | | |
| | "Laser Technology in Dentistry" (3 pages) (printout from dentistry.about.com) | | |
| | "Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil) | | |
| | "Zap Dual Curing Light" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Vivalux II Cordless Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) | | |
| | "VersaLux Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from www.brooks.af.mil) | | |
| | "Spectrum 800 Curing Unit" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Optilux 501 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Optilux 500 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Optilux 180 & 360 Polymerization Units" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Hilux 350 Curing Light" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Epilar Highlight Curing Light" (2 pages) (printout from www.brooks.af.mil) | | |
| | "Apollo 95E Curing Light" (2 pages) (printout from www.brooks.af.mil) | | |
| RC | "ARC Light II" (2 pages) (printout from www.brooks.af.mil) | | |
| EXAMINER <i>R. Lin</i> | DATE CONSIDERED 9/17/2003 | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. | | | |